Ic 90.6.23

C O N F I D E N T I A L

PROJECT COORDINATION NOTE   PCN # : D-4

Project   : MAXCON
                                        Date : 1 November 1978

25X1A Author   :

Approval   :

Subject   : B-10 LTU Backplane Pin Connections For The Signal
                 Lines of Circuits To Be Used

Reference   : PCN # D-3

Distribution   :   25X1A

25X1   25X1A
            This PCN details the B-10 LTU backplane pin
25X1A connections to which the signals cited in PCN # D-3 are to be
connected. Attached to one copy of this note that is going to
are. copies of the technical information available on the B-10 LTU
from the Contractor.

25X1   The B-10 LTUs have six signal lines to be connected to
them: Transmit Data (TXD), Transmit Clock (TXCI), Receive Data (RXD),
Receive Clock (RXC), Sync Initiate (SECONDARY TRANSMIT DATA or
SECTXD), and Sync-In-Progress (RING INDICATOR or RI). The
abbreviations and alternate names in parentheses show the Contractor's
designations for the signals that we will use. The following table
shows the pin numbers on the LTU backplane (edge connecter) that the
above signals come out on.

SIGNAL	PIN #	SIGNAL	PIN #
TXD	58	SECTXD	39 ? 51
TXCI	55	RI	54 ? 51P
RXD	62	SECRXD	47 ?
RXC	56	GROUND	53

25X1   Strapping for the B-10 can be determined from the
attached technical material. There is an additional wiring strap that
must be installed. There is to be a direct parallel wiring of the RXD
signal to the SECONDARY RECEIVE DATA (SECRXD) input pin of the LTU.
The LTU pin number for SECRXD is pin 47. When this is done, the
receive data from the crypto equipment will be sent to both RXD and
SECRXD. This latter pin connection is for future use.

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25X1 ☐ The differences between the B-10 and B-6 LTU backplanes must be pointed out. For the Collins C900 (ARS) system, there is a separate return for TXD, RXD, etc. There is no provision for that on the B-10 LTU. There is a common signal ground, GROUND-pin 53. This will mean that the IDF wiring for a B-6 LTU is not correct for a B-10 LTU and will have to be rewired.

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25X1 ☐ Furthur information on this matter may be had from

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OFFICIAL ROUTING SLIP

TO	NAME AND ADDRESS	DATE	INITIALS
1	C/CSDS	10/1	
2	~~C/EAB~~		
3			seen *
4	JTM		M
5			
6			

ACTION	DIRECT REPLY	PREPARE REPLY
APPROVAL	DISPATCH	RECOMMENDATION
COMMENT	FILE	RETURN
CONCURRENCE	INFORMATION	SIGNATURE

Remarks:

1:3

what is difference b-Tween b6 & b10
as far as the addressing failure
problem?

The same

FOLD HERE TO RETURN TO SENDER

FROM: NAME, ADDRESS AND PHONE NO.	DATE

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